

AMENDMENT UNDER 37 C.F.R. § 1.111  
Appln. No.: 09/787,137

**Attorney Docket No.: Q63172**

**AMENDMENTS TO THE DRAWINGS**

Applicant has added Figs. 1 and 2.

Attachment: Two Annotated Sheets

**REMARKS**

In Response to the Appeal Brief filed November 18, 2005, the Examiner has reopened prosecution. This Amendment, submitted in response to the Office Action dated March 22, 2006, is believed to be fully responsive to each point of rejection raised therein. Accordingly, favorable reconsideration on the merits is respectfully requested.

Claims 1-5 are all the claims pending in the application.

**I. Objection to Drawings**

The Examiner objected to the drawings requesting that features such as “a communication channel,” “intermediate communication channels,” “a set of transaction initiators and consumers,” “a logging service,” “an XA/RO interface,” “transactions system to perform transactional operations” and “recovery of validated transactional operations” be illustrated in the drawings.

In order to expedite the prosecution for the present application, Applicant encloses Figures 1 and 2 illustrating the claimed features. Consequently, Applicant respectfully requests that the objection to the drawings be withdrawn.

**II. Specification**

Applicant has amended the specification regarding the initiators and the consumers to be consistent with the claims. Applicant submits that no new matter has been added.

**III. Claim Rejections under 35 U.S.C. § 112, first paragraph**

Claims 1-5 have been rejected under 35 U.S.C. § 112, first paragraph, as failing to comply with the written description requirement. In particular, the Examiner asserts that the claims contain subject matter which was not described in the specification in a way to reasonably convey to one skilled in the relevant art that the inventors, at the time the application was filed, had possession of the claimed invention.

In particular, the Examiner asserts that the subject matter of claim 1, i.e. “a communication channel,” “intermediate communication channels,” “a set of transaction initiators and consumers,” “a logging service,” “an XA/RO interface,” “transactions system to perform transactional operations” and “recovery of validated transactional operations” are not properly described.

However, Applicant respectfully submits that the above-identified aspects of the present invention would be apparent to one of ordinary skill in the art. For example, and as previously submitted, as explained in Applicant’s specification, a “transactional” interface supports atomicity, consistency, isolation, and durability. Thus, a transactional interface requires, for example, the ability to atomically “commit” or “abort” a sequence of operations as part of a logical “transaction.” See Applicant’s Specification at page 1, lines 17-23.

Further, as described on page 4, lines 17-23 of the specification for the present invention, in an exemplary embodiment of the invention, an RO or XA interface enables an external transaction monitor to confirm or cancel modifications to logged data and recover data. Therefore, the XA/RO interface enables external applications to send commit or abort commands

to commit or abort their transactional operations on logged data and recover data in a logging service.

As discussed on page 1, lines 8-16 of the Applicant's specification, an asynchronous communication service includes a manager and one or more communications channel. The channel transfers information to a client via an interface.

With respect to "a set of transaction initiators and consumers" and "intermediate communication channels", as discussed on page 1, lines 10-16, an initiator (client) sends information by addressing a specific channel. The channel acts as an **intermediary** between an initiator and a consumer. It should be possible to deliver information reliably while maintaining desynchronization of initiators and consumers.

As discussed on page 4, lines 5-16, a logging service stores successive values of a variable and retains old values.

In view of the foregoing, Applicant submits that the claimed subject matter is disclosed in the specification. Consequently, Applicant respectfully requests that the 35 U.S.C. § 112, first paragraph rejection of claims 1 and 3 and their dependent claims be withdrawn.

#### **IV. Claim Rejections under 35 U.S.C. § 112, second paragraph**

Claims 1-2 and 4-5 have been rejected under 35 U.S.C. § 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. In particular, the Examiner asserts that it is unclear how a communication channel comprises "a set of transaction initiators and consumers." However, as

discussed above, an initiator (client) sends information by addressing a specific channel. The channel acts as an intermediary between an initiator and a consumer. Its must be possible to deliver information reliably while maintaining desynchronization of initiators and consumers.

In view of the forgoing, Applicant submits that claims 1 and 3 and their dependent claims are not indefinite. Consequently, the 35 U.S.C. § 112, second paragraph rejection should be withdrawn.

**V. Conclusion**

In view of the above, reconsideration and allowance of this application are now believed to be in order, and such actions are hereby solicited. If any points remain in issue which the Examiner feels may be best resolved through a personal or telephone interview, the Examiner is kindly requested to contact the undersigned at the telephone number listed below.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,



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